Green Product

8-port Gigabit Switch
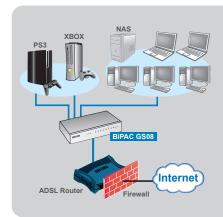
Smart Power Saving

BILLION ™

BiPAC GS08

8-port Gigabit Green Ethernet Switch

Expanding to a Gigabit network

The BiPAC GS08 featuring 8 ports 10/100/1000Mbps is designed to expand your Gigabit network. It is fully compliant with all kinds of network protocols. Simply plug and play - you can connect the device with up to 8 computers or network-based devices like PS3, Xbox 360 and Network Attached Storage (NAS) for applications such as gaming, video, music and data sharing.

Enhancing network performance

The BiPAC GS08 is on non-blocking architecture that supports every switch port at full-duplex capability, enabling all its 8 ports to boost bandwidth up to a total 16Gbps backbone link to switched workgroup or a server fat-pipe link. It eliminates users concern of bandwidth congestion. Its store-and-forward switching mode at full wire-speed for maximum performance ensures low-latency and error-free transmission, thus efficiently saving users' time to enjoy multimedia applications with better network performance.

Smart Power Saving

The BiPAC GS08 with integrated Smart Power Saving technology helps your network save power by up to 60%, thus efficient for energy consumption and money saving. It automatically powers down ports when detecting no connection and plans different power output for different cable lengths. The stylish mini-sized switch and its power adapter require little space on your desktop, leaving more room for other equipment.

- 8 x 10/100/1000Mbps Full-duplex, auto MDI/MDI-X ports
- Up to a total 16Gbps network data transfer rate
- Smart power saving technology for efficient energy consumption
- Store-and-forward architecture for low-latency and error-free transmission
- NWay protocol for speed and duplex mode auto-detection
- True plug and play installation
- Ideal for home and SOHO users

Features & Specifications

Standards
- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-TX Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- IEEE802.3x Flow Control

Network Data Transfer Rate
- 10Mbps (Half-duplex)
- 20Mbps (Full-duplex)
- 100Mbps (Half-duplex)
- 200Mbps (Full-duplex)
- 2000Mbps (Full-duplex)

Rich LED indicators
- Power: Green
- Link/Act: Green

Power Supply
- Input: 100~240V AC, 50~60Hz
- Output: 12VDC 1A

Features
- Back-pressure (Half-duplex)
- NWay protocol for speed and duplex mode auto-detection
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture for filtering fragment & CRC error packets
- Supports 4K MAC address
- 1M bits buffer memory
- 9K Bytes Jumbo frame
- Supports extensive LED indicators for network diagnostics
- Total 16Gbps network data transfer rate

Power Consumption
- 12 Watts maximum

Emission
- FCC Class A, CE, VCCI

Hardware Specifications
Physical Interface
- 8 x 10/100/1000Mbps RJ-45 switching ports

Physical Specifications
- Dimensions (W, D, H): 6.08 " x 3.35 " x 1.02 " (154.5 x 85 x 26 mm)

Operating Environment
- Operating temperature: 0 ~ 40 °C
- Operating Humidity: 10% ~ 90% (non-condensing)

Powering communications with **Security**